BRUHAT BANGALORE MAHANAGARA PALIKE

BILL OF QUANTITIES (BOQ)

NAME OF WORK:- Improvements to roads and drains at Devappa layout and surrounding areas in ward no.11 in Kuvempunagar

Sl. No.	Approved Qty.	Description	Unit	Issued to Technical Manager , KRIDL	
				In Figures	In Words
1	537.40	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH/ Chapter 3 complete as per specifications and directions of the Engineer in charge.	Cum	207.60	Rupees Two Hundred Seven and Sixty Paise Only
2	1126.64	Removing and refixing stone slabs of drains and pointing in CM (1:3) complete as per specifications and directions of the Engineer in charge.	Sqm	111.30	Rupees One Hundred Eleven and Thirty Paise Only
3	482.84	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete. as per specifications and directions of the Engineer in charge.	Sqm	742.00	Rupees Seven Hundred Forty Two Only
4	193.43	KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers as per specifications and directions of the Engineer in charge.	Cum	5408.12	Rupees Five Thousand Four Hundred Eight and Twelve Paise Only
5	1469.44	KSRB 5-14: Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4 as per specifications and directions of the Engineer in charge.	Sqm	1019.72	Rupees One Thousand Nineteen and Seventy Two Paise Only
6	52.25	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers as per specifications and directions of the Engineer in charge.	Cum	5747.32	Rupees Five Thousand Seven Hundred Forty Seven and Thirty Two Paise Only
7	3.06	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in as per specifications and directions of the Engineer in charge.	cum	5505.64	Rupees Five Thousand Five Hundred Five and Sixty Four Paise Only
8	6.73	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall as per specifications and directions of the Engineer in charge.	cum	7070.20	Rupees Seven Thousand Seventy and Twenty Paise Only
9	0.67	KSRB M2200-6 Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining member as per specifications and directions of the Engineer in charge.	tonne	72326.98	Rupees Seventy Two Thousand Three Hundred Twenty Six and Ninety Eight Paise Only
10	1048.75	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc as per specifications and directions of the Engineer in charge.	Sqm	2337.00	Rupees Two Thousand Three Hundred Thirty Seven Only
11	18.36	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, as per specifications and directions of the Engineer in charge.	Sqm	5418.00	Rupees Five Thousand Four Hundred Eighteen Only
12	2903	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, as per specifications and directions of the Engineer in charge.	Nos	432.48	Rupees Four Hundred Thirty Two and Forty Eight Paise Only
13	457.17	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 as per specifications and directions of the Engineer in charge.	Sqm	84.80	Rupees Eighty Four and Eighty Paise Only

EXECUTIVE ENGINEER-4
KRIDL BBMP DIVISION
BENGALURU-560 010

Signature of the contractor

Executive Engineer

	pproved Qty.	Description	Unit	Issued to Technical Manager , KRIDL	
				In Figures	In Words
	145.67	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation as per specifications and directions of the Engineer in charge.	Cum	56.26	Rupees Fifty Six and Twenty Six Paise Only
15	194	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable as per specifications and directions of the Engineer in charge.	Cum	1022.74	Rupees One Thousand Twenty Two and Seventy Four Paise Only
16	145.68	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to as per specifications and directions of the Engineer in charge.	Cum	5210.96	Rupees Five Thousand Two Hundred Ten and Ninety Six Paise Only

1. The work should be executed as per the specification and standard specified by the PWD & Other specifications of the Bangalore Mahanagara Palike and as directed.
2. The work should be carried out as per the directions and instructions of the concerned Engineer
3. The Contractor should maintain the quality of work as per the standard specifications.

Executive Engineer (Byatarayanapura)
Bruhath Bangalore Mahanagara Palike

I am prepared to take up the above work at the rates quoted by me in the Schedule 'B'.

CONTRACTOR

EXECUTIVE ENGINEER-4
KRIDL/BBMP DIVISION
BENGALURU-560 010